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Mineral Resources of Southwestern Oregon. By J. S. DILLER. U.S. Geol. Surv. Bull. No. 546. Pp. 146, figs. 23, plates 10.

After a brief introductory chapter describing the general topographic and geologic features of southwestern Oregon, the writer proceeds to describe the gold-quartz lode mines, copper mines and prospects, placer mines, and the platinum, mercury, nickel, and coal resources of the region.

A. D. B.

Oil and Gas Fields in Wayne and McCreary Counties, Kentucky. By M. J. MUNN. U.S. Geol. Surv. Bull. No. 579. Pp. 105, figs. 6, plates 6. Washington, 1914.

About a third of the bulletin is devoted to the stratigraphy and larger structural features—the remainder is concerned with the history of production of oil, stratigraphy of the oil sands, and the details of the structure in the oil fields within the region. Structure contours are used to good advantage in the discussion.

A. D. B.

Handbuch der Mineral Chemie, Vol. II. By C. DOELTER. Pp. 848+xvi, figs. 37, plates 3. Dresden and Leipzig, 1912–14.

Proceeding with the detailed discussion of the chemistry of minerals (see review of Vol. I, *Jour. Geol.*, XXI, 465–67) this volume is concerned with quartz and the silicates. Practically all of the experimental work of recent years is included in a condensed and thoroughly digested form, and this volume should be exceptionally valuable as the chemistry of the silicates is only vaguely understood at present, and active research is being prosecuted along this line. Numerous tables of physical and chemical data are included, making reference to the original literature unnecessary in most cases. The detailed description of methods of synthesis which characterized Vol. I is continued throughout this volume, making it of great value as a reference work to the chemist as well as to the mineralogist.

A. D. B.

Ore Deposits in the Sawtooth Quadrangle, Blaine and Custer Counties, Idaho. By J. B. UMPLEBY. U.S. Geol. Surv. Bull. No. 580-K. Pp. 221–49, plates 4.

A report of the geology and ore deposits, based on a twelve days' reconnaissance trip. Silver-lead, silver, zinc, and gold veins have been worked more or less in the region but present production is negligible.

A. D. B.